



# Incident Action Plan MISSION INCIDENT

11/18/2014

Santa Paula, California

1 of 1 ©CTEH

# **Operational Period #32**

12/31 06:00 PST - 01/01 06:00 PST

1 of 1 ©CTEH

Incident Action Plan	
MISSION INCIDENT	Prepared By: Ashley Reardon
#32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST	Version Name: P032V01 DRAFT

#### **Approved By**

Incident:

Period:

Organization	Name	Signature	
USEPA	Martin Powell		
Ventura County EHD	Craig Cooper		
RP IC	Jason Guzman		

#### **Incident Photo**



#### **Included in Action Plan**

Include	Incident Forms	Include	Period Forms
lacksquare	Include Incident Cover	☑ ICS 202 - Incident Objectives	
	ICS 201-1 - Incident Briefing	☑ ICS 204 - Assignment List(s)	
	ICS 201-2 - Summary of Current Actions	☑ ICS 205 - Communication Plan	
	ICS 201-3 - Organization Chart	☑ ICS 206 - Medical Plan	
	ICS 201-4 - Resource Summary	€	ICS 207 - Organizational Chart
	ICS 201-5 - Site Safety and Control Analysis		ICS 208 - Site Safety Plan(s)
	Reactive Phase Weather Report	0	ICS 211P - Check In List
	Reactive Phase Notifications	€	ICS 230 - Meeting Schedule
			Weather Report
		0	ICS 213 - General Message(s)
		0	ICS 214 - Activity Logs

Incident Action Plan			
		0	Incident Critique



	ICS 202: Incident Objectives			
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon		
Period:	#32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST	Version Name: 12/30/2014 17:33 PST		

#### Objective(s)

· Work Safely

Ensure the health and safety of the public and response and recovery personnel.

· Secure site

Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.

• Identify health threats

Identify potential and immediate threats to human health associated with incident cleanup.

Mitigate health hazards

Work to mitigate the immediate threats to human health and stabilize the site.

• Containerize waste

Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.

· Inventory site containers and waste

Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

#### **Operational Period Command Emphasis**

Decon two 70-barrel vacuum trucks in sector D2

Continue solidification of pool

Stockpile saturated media

Loading, transportation, disposal, and tracking of saturated media

Swipe testing and wipe sampling as needed

Maintain roll-offs and contaminate PPE from Decon areas

Maintain 24-hr air monitoring

Maintain security around the site to preserve site integrity

Maintain Air Ops

#### **General Situational Awareness**

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER
- ESTABLISH AN AREA OF SAFE REFUGE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR



CTEH CENTER FOR TOXICOLOGY				
	ICS 204 - As	ssignme	nt List	
Incident: MISSION INC	CIDENT Period:	#32: 12 PST	/31/2014 06:00 PST -	01/01/2015 06:00
Branch:	Division / G	roup: Suppres	ssion	
Prepared By: Ashley Reardo	on Version Nar	ne: 12/30/2	014 15:16 PST	
Unit: HAZMAT/ SUPPRESSIO	N			
	Tactica	al Objective		
Provide standby fire suppre	ssion and rescue teams	for entry team	ns as designated by O	perations Chief.
		gnments		
Maintenance of fire suppres	sion capabilities with p	umps, hoses, a	and fire monitors.	
Provide and maintain equip processes.	ped personnel to make o	entry if necess	ary during release ar	rea stabilization
	Resourc	es Required		
Resource Identifier	Leader	# of Units	Contact	Notes
Suppression Team	Mike Sokoloff	3	818-414-1980	
	Assignment P	rogress and l	ssues	
	Locati	on of Work		
	Locuti	on or work		
Designated points of ingress	s and egress or as assign	ned.		



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC				
	ICS 204 - As	signme	nt List	
Incident: MISSION INCIDE	NT Period:	#32: 12/33	1/2014 06:00 PST - 01/	01/2015 06:00 PST
Branch:	Division / Group	p: Planning		
Prepared By: Ashley Reardon	Version Name:	12/30/201	4 10:01 PST	
Unit: AIR OPS				
	Tactica	l Objective		
Provide aerial imagery as reque	sted by UC or Opera	itions. Mainta	in situational awarene	ess at all times.
	Assig	nments		
Obtain aerial photographs of the	e site several times p	oer day, as ap	propriate	
Fill out flight checklist for each	flight			
Follow all safety precautions				
Obtain photo and video footage	of critical operation	s, as requeste	ed.	
	Resourc	es Required		
Resource Identifier	Leader	# of Units	Contact	Notes
Copter Pilot	Phil Baker	1	501-804-8138	
Remote-controlled copter		1		
Remote live feed camera		1		
	Assignment Pr	ogress and	Issues	
	Locatio	on of Work		
Onsite				



ICS 204 - Assignment List				
Incident:	MISSION INCIDENT	Period:	#32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST	
Branch:		Division / Group:	Environmental	
Prepared By:	Ashley Reardon	Version Name:	12/30/2014 17:40 PST	
Unit:	ENVIRONMENTAL HEALTH			

#### **Tactical Objective**

Provide community and site air monitoring. Provide site post stabilization surface sampling to assess the presence or absence of contaminants.

#### **Assignments**

Continue air monitoring in the surrounding community

Continue air monitoring around site perimeter

Provide site stabilization/decon team with post-stabilization swipe assessments and wipe sampling as needed

Provide site stabilization/decon team with air monitoring support

Document and track all waste on-site

Collect outfall samples in case of any storm water run off from site

#### **Resources Required**

Resource Identifier	Leader	# of Units	Contact	Notes
On-Site Air Monitoring	Wesley Killingsworth	4	501-952-0343	
Air Monitoring - Community (Days)	Elbie Cannon	1	501-269-8844	
Air Monitoring - Perimeter (Days)	Eric Simon	1	501-351-8035	
Air Monitoring - Perimeter (Nights)	Lani Dorow	2	719-749-6171	
Envioronmental Sampling	Louis Chacon	1	501-529-7163	
Waste Tracking	Alec Scott	2	510-593-0879	

#### **Assignment Progress and Issues**

Share analytical results with the County or other agencies as directed.

#### **Location of Work**

The community and on site as desginated by Operations.



CTEH CENT	ER FOR TOXICOLOGY				
		ICS 204 - As	signmeı	nt List	
Incident:	MISSION INCID	ENT Period:	#32: 1 PST	2/31/2014 06:00 PS	T - 01/01/2015 06:00
Branch:		Division / G	roup: Chemi	istry Strike Team	
Prepared By	7: Ashley Reardon	Version Na	me: 12/30/	2014 18:23 PST	
Unit:	CHEMISTRY STI TEAM	RIKE			
		Tactical	Objective		
Provide tech	nnical support to In	cident Management a	nd Site Stabi	lization Teams.	
		Assig	nments		
Collect sam	ples and perform H	AZCAT analysis as rec	quested		
Conduct effi	icacy tests				
Oversee sta	bilization process				
		Resource	es Required		
Resou	rce Identifier	Leader	# of Units	Contact	Notes
Chemistry S	Strike Team	Randall Woodlee	1	615-504-3484	
		Assignment Pro	ogress and I	ssues	
			n of Work		
On Sita/Haz	Cat trailer in E1	Lucatio	II OI WOIK		
OII SILE/IIdZ	Cat trailer III E1				



ICS 204 - Assignment List				
Incident:	MISSION INCIDENT	Period:	#32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST	
Branch:		Division / Group:	Site Stabilization/Decon Team	
Prepared By:	Ashley Reardon	Version Name:	12/30/2014 18:08 PST	
Unit:	SITE STABILIZATION TEAM			

#### **Tactical Objective**

Mitigate surfaces in accordance with the Release Area Stabilization Plan as assigned.

#### **Assignments**

Continue solidification of pool

Stockpile saturated media

Loading, transportation, and disposal of saturated media

Decon two 70-barrel vacuum trucks in sector D2

Storm water recovery if necessary

Finish decon of Engine 26

Resources	Required
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	Resources Required							
Resource Identifier	Leader	# of Units	Contact	Notes				
SITE STABILIZATION Task Force	Rocky Schwarz	11	909-217-2028	Entrants/ Operators/ Spotters/Decon				
SITE STABILIZATION Support		3		Logistics/Traffic Control				

#### **Assignment Progress and Issues**

#### **Location of Work**

On-site



			ICS 205: Co	mmun	ica	tion	Plan					
Incid	ent:	MISSIC	ON INCIDENT			]	Prepared	l By:	Ashley	Rear	don	
Perio	d:	#32: 12	2/31/2014 06:00 PST - 01/01/2015 06	6:00 PST		,	Version N	Vame:	: 12/30/	2014 (	08:03 I	PST
			Ra	adio Listin	gs							
Zone Grp.	Ch #	Function	Channel Name / Trunked Radio System			ignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarl
Ops	1		Patriot Channel 1		Oper	rations	462.475	141.3	467.475	141.3		
				none Listin		T -	T					
		me	Title	Phon		Radio			Email			Othe
Alec G			Documentation Unit Lead	702-419-1		0	alec@ale					
Ashley			Planning Section Chief	501-247-6		0	areardon					
Brad I	Houch	nin	Site Safety Officer	805-234-3		0	bradhoud	chin@h	otmail.cor	n		
Chris			Security Unit Lead	805-620-2		0						
Craig			Ventura County EHD (Current)	805-654-2		0	craig.cooper@ventura.org					
Dave 1			Operations Section Chief	661-340-7		0	dmosley@patriotenvironmental.com					
David			Finance Section Chief	805-755-3		0	dramos@patriotenvironmental.com					
Don W	arren	1	Operations Deputy Section Chief	601-278-7	814	0	dwarren(					
Jason			RP Incident Commander	805-755-3			jguzman@patriotenvironmental.com					
Jon Co	lomb		START	773-947-4	064	0	jonathan.colomb@westonsolutions.com					
Josh B	ailey		SITE STABILIZATION TASK FORCE C	661-414-9	075	0						
Josh B	lanse	tt	Situation Unit Leader	901-573-5	613	0	jblansett@cteh.com					
Josh R			Supply Unit Lead	661-340-9								
Kent (			Planning Section Deputy Chief	562-310-6	969	0	kcreighton@patriotenvironmental.com			l.com		
Marga	ret W	/aldon	FOSC	415-940-1		0	waldon.margaret@epa.gov					
Mario	Pena		Staging Area Unit Lead	805-755-3	3741							
Mark	Miller	ſ	Transportation Supervisor	562-244-1	929	0						
Martin			FOSC (Current)	562-760-7		0	powell.martin@epa.gov					
Mike S	Sokolo	off	Fire Suppression Team Lead	818-414-1		0						
Phil B			Air Ops Lead	501-515-1228		+	pbaker@cteh.com					
Randa	ll Wo	odlee	Sr Chemist			0	rwoodlee@enviroscienceinc.com					
Rich Y			Cost Unit Lead		562-244-2764							
Rober			Support Unit Lead		805-755-3718							
Rober	t Wilk	inson	Environmental Sampling Branch Manager	713-205-3	713-205-3856		rwilkinso	n@ctel	n.com			
Rocky			SITE STABILIZATION TASK FORCE B	909-217-2	2028	0						
Wesle	y Killi	ngsworth	Air Monitoring Lead	501-952-0	343	0	wkillings	worth@	cteh.com			
Will C	anto		Disposal Branch Director	562-244-5	108	0	wcanto@	patriot	environme	ental.co	m	
			Addit	ional Com	men	ts						



Incident:

MISSION INCIDENT

# ICS 206: Medical Plan

Prepared By:

Ashley Reardon

Period: #32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST Version Name: 12/30/2014 08:59 PST

Linet	A : 4	Stations	
FIRST	Ala	Stations	i.

Name	Location	EMT On Site	Phone	Radio			
MED496	Briggs & HWY 126	Yes					

#### **Transportation (Ground and/or Air Ambulance Services)**

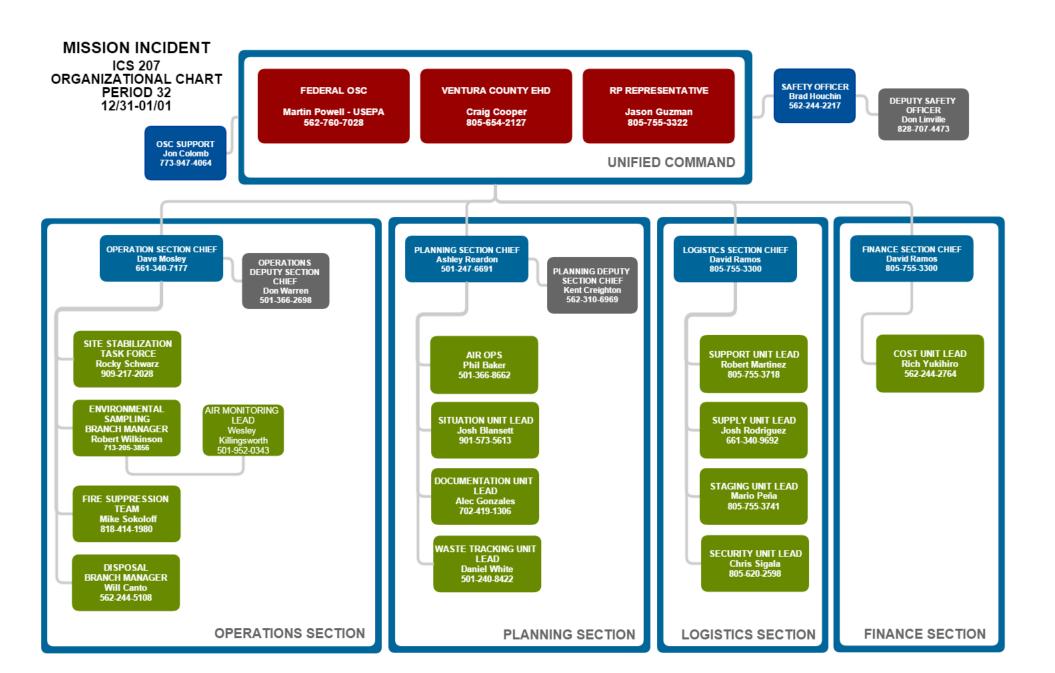
Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

#### Hospitals

	1105/18415						
Name	Location		Helipad	Phone	Radio		
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500			
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727			
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600			
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000			
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500			
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727			

#### **Special Medical Emergency Procedures**

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE. UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims, agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.

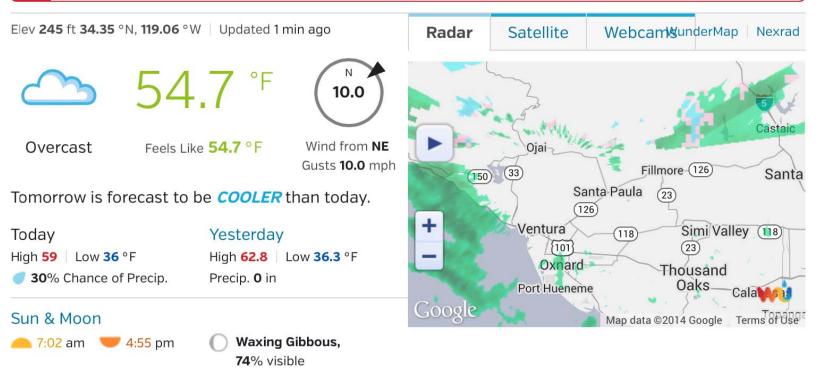




ICS 230: Daily Meeting Schedule						
Incident: MISSION	Incident: MISSION INCIDENT				Reardon	
Period: #32: 12/31/2014 06:00 PST - 01/01/2015 06:00 PST Version Name: 12/30/2014 09:56					014 09:56 PST	
Meetings						
Meeting Name	Date / Time	Purpose		Attendees	Location	
Operations/Safety Briefing	12/31/2014 07:00 PST		All hand	ds		
Operations Briefing/ Planning	12/31/2014 17:00 PST		Comma	nd Staff		

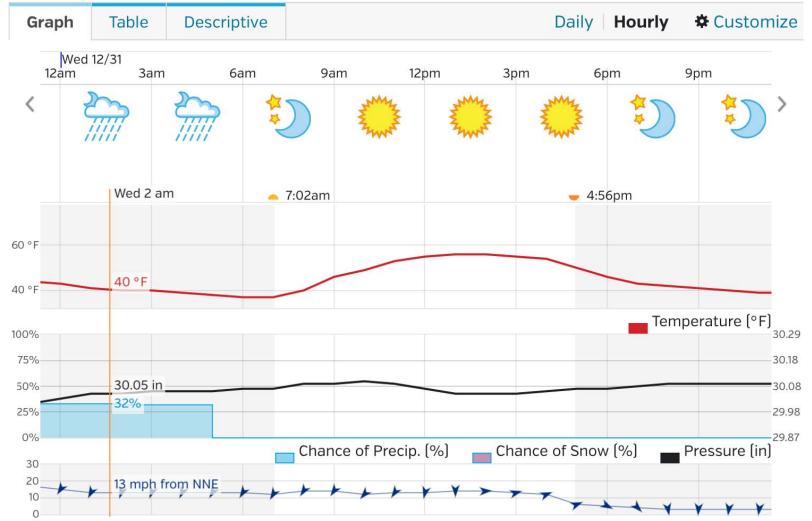


#### Active Advisory: Freeze Warning, Wind Advisory, Hard Freeze Watch



More Conditions

# 10-Day Weather Forecast





Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



#### **HEALTH AND SAFETY MESSAGE**

**SAFETY** starts with **YOU** 

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: MISSION DATE: November 22, 2014 TIME: 0800-1800

#### Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

#### SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER

- ESTABLISH AN AREA OF SAFE REFUGE
- ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT <u>ALL</u> ILLNESSES AND INJURIES TO YOUR SUPERVISOR

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 32

Date: December 31, 2014 06:00 – January 1, 2014 06:00

Operation Description:

#### Task 1: Decontamination of two 70-barrel vacuum trucks in D2

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Pressure wash each truck and apply sodium sulfite as needed. Cofirm decon with swipe test .	<ul> <li>4 Technicians</li> <li>1 air monitor</li> <li>1 Pressure washer</li> <li>1 Water buffalo</li> </ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> <li>Fire suppression</li> <li>Vitals check pre and post entry</li> </ul>

#### Task 2: Continue decon, swipe testing, and wipe sampling of Engine 26

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Oxidizer and pH swipe tests will be collected from the fire truck surface to test for site materials All tests performed will be logged by the CTEH technician and recorded electronically with GPS location and time/date stamp. Once treated and tested with favorable results, the fire truck will be moved from D2 to B2.	<ul> <li>Air monitor</li> <li>pH and oxidizer strips</li> <li>1 Operator</li> <li>Frontend loader</li> </ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> </ul>
2.	Fire truck will be rinsed with pressure washers.	<ul><li>1 Pressure washer</li><li>Water truck</li><li>2 technicians</li></ul>	
3.	Once the fire truck is swipe tested again with favorable results, it will be staged for analytical sampling.	<ul><li>Air monitor</li><li>pH and oxidizer strips</li><li>1 Operator</li></ul>	

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

#### Task 3: Solidification

Step	Procedure Described	Primary Resources Safety Procedures
1.	Transport solidification agents to site and stockpile.	<ul> <li>Dumptrucks</li> <li>Solidification agent protection</li> <li>Thermal imaging camera</li> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>Fire suppression</li> </ul>
2.	Move material to pool with frontend loader and mix in pool with trackhoe.	<ul> <li>3 operators</li> <li>2 technicians</li> <li>2 trackhoes</li> <li>2 frontend loader</li> <li>Thermal imaging camera</li> <li>RIT Team</li> <li>Vitals check pre and post entry</li> <li>Heavy Equipment movement</li> <li>Monitor all saturated solids</li> </ul>
3.	Allow material to completely solidify and tighten for at least 12 hours then load into rolloff boxes.	<ul> <li>Rolloff boxes</li> <li>Rolloff truck</li> <li>Thermal imaging camera</li> <li>camera</li> </ul>

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

#### Task 4: Loading, transportation, and disposal of waste

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Utilize equipment to load dump trucks and transport to landfill	<ul> <li>2 frontloaders</li> <li>2 Air monitors/ documentors</li> <li>Track hoe</li> <li>2 Operator</li> <li>2 Technicians</li> </ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> <li>Vitals check pre and post entry</li> </ul>

#### Task 5: Assessment and Documentation of Safely Accessible Totes On-Site

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Visually assess totes and document any existing labels. Assign unique identifier to any totes needing identifier. Document/photograph contents, quantity of material, and condition of totes.	<ul><li>2 Technicians</li><li>Air monitor</li></ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> </ul>

Approved as part of this IAP.

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

# MISSION INCIDENT - Tentative Objective Completion Dates

## December

	Beechiber																				
Task		Days Total	Sat 13		Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun <b>21</b>	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30	Wed 31
Complete application of sodium sulfite solution to all	Е	1																			
surfaces in D5	Α	1																			
Solidify pool and stockpile once solidified	E	7																			
	Α																				
Containerize solidified waste in roll-off boxes	Е	10																			
Containenze sonumeu waste in ron-on boxes	Α																				
Removal, solidification, and decontamination of two	E	4																			
(2) 70-barrel vacuum trucks in D2	Α																				
Phase 1/2 of Tank and Tote Inventory Sampling and	E	3																			
Analysis Plan - visual assessment of tanks on site and tank grouping  A 2																					
Phase 3 of Tank and Tote Inventory Sampling and	Е	2																			
Analysis Plan - HazCat 10% of tanks from each tank group	Α	2																			
Phase 4 of Tank and Tote Inventory Sampling and Analysis Plan - Collect analytical sample from each	E	2																			
tank group	Α	2																			

Break for Holidays Estimated

Actual

## **MISSION INCIDENT - Tentative Objective Completion Dates**

J	a	n	u	ıa	ry	/

January																					
		Days Total			Sat				Wed							Wed					Mon
Task				2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Containerize solidified waste in roll-off boxes and	E	10																			
sample per Waste Management Plan	Α																				
Removal, solidification, and decontamination of two	Е	4																			
(2) 70-barrel vacuum trucks in D2	Α																				
Decontamination of source 120-barrel vacuum truck	Е	2																			
in D5	Α																				
Decontamination of C1, C2, C3, D1, D2, D3, D4, and	E	7																			
D5	Α																				
Soil compling por Soil Compling Applysis Plan	E	4																			
Soil sampling per Soil Sampling Analysis Plan	Α																				
	Ε																				
	Α																				
	E																				
	Α																				

Estimated Actual